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THE ANNUAL REPORT

of the

MEDICAL OFFICEROF HEALTH

for the

URBAN DISTRICT OF EAST DEREHAM

Norfolk

for the year ending 31st December,1947.

STAFF

Medical Officer of Health:

C.S. Thomson, M.B., B.Ch., B.A.O., D.P.H.

Sanitary Inspector & Surveyor:

T.Spurr, M.R.SanI., A.M.I.S.E., C.I.S.B.,

... ...

EAST DEREHAM URBAN DISTRICT

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR 1947.

Section A. STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres)	5,313
Population (Census 1931)	6,643
" (Registrar General's estimate 1947)	5,850
Number of inhabited houses (end 1947)	1,895
Rateable Value	£27,049
Sum represented by a penny rate.	£103. 14. 2.

The estimated population varied during the past 6 years as follows:-

1941	...	6,640	1944	...	6,214
1942	...	6,552	1945	...	5,721
1943	...	6,403	1946	...	5,800

EXTRACTS FROM THE VITAL STATISTICS OF THE YEAR.

		Totals	M.	F.
Live Births	Legitimate	127	60	67
	Illegitimate	5	1	4
Birth Rate per 1,000 of the estimated resident population			22.56	
Still Births	Legitimate	3	1	2
	Illegitimate	-	-	-
Still Birth rate per 1,000Live and Still births			22.2	
Deaths		86	38	48
Death Rate per 1,000 of the estimated resident population			14.7	

Deaths from Cancer (all ages)	14
" " Measles (all ages)	Nil.
" " Whooping Cough (all ages)	Nil.
" " Diarrhoea (under 2 years of age)	1

Infantile Mortality Rate	1947	1946
(a) All infants per 1,000 live births	30	64
(b) Legitimate infants per 1,000legitimate live births	24	74
(c) Illegitimate infants per 1,000 illegitimate live births	200	Nil.

The birth rate (22.56) is 5.5 higher than in the previous year (17.06) and 2.06 higher than the rate for England and Wales (20.5).

Illegitimate births represented 3.8% of the total births as compared with 13.7% last year.

There were 4 deaths of infants under one year of age giving a rate per thousand live births of 30 as compared with 64 last year and a National rate of 41.

The death rate (14.7) is 1.1 higher than in 1946, (13.6) and is 2.7 above the National average, (12.0).

Section B. GENERAL PROVISIONS OF HEALTH SERVICES FOR THE AREA

The Public Health Staff of the Urban District Council consists of a part-time Medical Officer of Health and a Sanitary Inspector. The latter also carries out the duties of Engineer, Surveyor, Architect, Markets, Meat and Foods Inspector.

The County Isolation Hospital at Dereham has accommodation for 96 beds. Huts provide accommodation for an additional 29 beds. Shortage of nursing and domestic staff has prevented full use being made of the accommodation available. 29 patients from the District were admitted during the year.

IMMUNISATION AGAINST DIPHTHERIA.

The number of children immunised during 1947 is as follows:-

Completed Primary Immunisation		Re-inforcing Injections	Total
0 - 4 years	5 - 14 years	All ages	
62	15	64	141

Section C. SANITARY CIRCUMSTANCES OF THE AREA.

1. WATER

The average daily consumption was 148,886 gallons as compared with 139,236 gallons in the previous year, the average daily pumping hours being 13.9 compared with 11.9 in 1946.

Pumping was at the rate of 10,801 gallons per hour.

In June the new Beresford pump was installed on No. 1 borehole.

Bacteriological sampling of the water supply at the water works gave a highly satisfactory result, no coliform bacilli being found. Chemical samples have also proved satisfactory.

Investigations relating to the output and working water levels of the Field and Tower boreholes were carried out during September and gave satisfactory results.

Laying of the water supply main to Sandy Lane was completed in August.

The 3" main extension to the Council's new houses at Westfield Road was completed in November.

A total of 54,158,340 gallons was pumped during the year, representing an increase on the previous year.

2. DRAINAGE AND SEWERAGE

The Sewage Works have functioned very satisfactorily.

The average samples of effluent taken have also been very satisfactory giving an impurity figure of 10.

The average flow for the year was 227,517 gallons per 24 hours.

Many new drains have been laid and tested.

3. CLOSET ACCOMMODATION

Owing to the restriction of Civil Building Licences and shortage of materials, only 3 conversions took place during the year.

4. PUBLIC CLEANSING

The Council operates 1 Karrier Bantam Collector for the collection of refuse and a Night Soil cart for the collection of night soil. Such collections are made weekly.

1,740 refuse bins are emptied weekly, the distance covered by the collecting vehicle being 43 miles.

The controlled Tipping Site has been completely levelled and fenced in.

5. SUMMARY OF DUTIES CARRIED OUT BY SANITARY INSPECTOR.

Houses and premises inspected	178	
Nuisances abated	36	
Preliminary notices served	13	
Factory,Dairies, Shops etc, inspected	26	premises
Houses disinfected	14	
Rat Disinfestation	9	premises
Number of Dustbin Notices	217	
Number of Dustbins renewed	317	

6. SALVAGE

No information available.

Section D. HOUSING

Number of houses erected in District during the year:

(a)	By the Local Authority	58
	Becclesgate Estate	22
	Toftwood Estate	8
	Yaxham Road Estate	8
	Littlefields Estate	20
		58
(b)	By other bodies or persons	8
(c)	Houses under construction at the end of year	16
	Cemetery Road	2
	Westfield Road	8
	Yaxham Road	6
		16

In addition complete layout plans for the new Estate of Sandy Lane have been completed together with new sewerage scheme and roads. This Estate will be commenced in January,1948. The layout covers the provision of 124 houses, 90 on the West Side and 34 on the East Side of Sandy Lane.

Section E. INSPECTION AND SUPERVISION OF FOOD

(a) Milk Supply

Milk Sampling is now carried out by the Norfolk County Council.

Milk and Dairies Order 1926

Number of registered purveyors of milk ...	9
Number of registered cowkeepers and wholesale purveyors of milk ...	20

Milk (Special Designations) Orders 1936 & 1938.

Number of licenced producers of Accredited Milk ... 6
Number of licenced purveyors of Accredited Milk ... 5

(b) Meat and Other Foods

Slaughtering is carried out at a central slaughter house under Government Control and regular inspections are carried out by the Council's Meat Inspector.

A total of 4,200 carcases was examined by the Meat Inspector during 1947, made up as follows:-

Cattle	1,345
Calves	595
Pigs	434
Sheep	1,826
Total	4,200

The following was condemned as unfit for human consumption:-

Beef	7 tons 18cwts. 40lbs.
Pork	11 cwts. 37 lbs.
Mutton	4 cwts 13 lbs.
Parts of Carcases	661 parts
Tinned Meat	3 cwts. 46 lbs.

Miscellaneous Foods

1 cwt.	Butter Beans.
73 pkts.	Cereals.
337 tins	Milk.
303 tins	Other Foods.

(c) Ice Cream

12 premises were inspected and registered during the year. Regular sampling was carried out during the season. Where the results were not satisfactory the manufacturers were interviewed and the standard subsequently improved.

Section F. PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

Disease	Total cases notified	Cases admitted to hospital	Total Deaths.
Scarlet Fever	6	3	-
Whooping Cough	5	3	-
Measles	3	2	-
Pneumonia	11	2	1
Malaria	1	-	-
Typhoid Fever	1	1	-
Poliomyelitis	6	6	-

Poliomyelitis

Six cases of poliomyelitis were notified during the year, and were admitted to hospital. Two have made complete recoveries. Three of the remainder suffered some residual paralysis and are undergoing treatment. The other case, a boy, aged 15, has full functional activity but is wearing a spring loaded boot.

These cases occurred during the nation wide epidemic experienced during 1947. At a time when the importance of individual personality and work seem at a discount it is right that the devoted attention given to these cases and others occurring in the County by the Norfolk County Council Physiotherapists Miss Thomas, Miss Wyer and Mrs. Baker should be recorded. Their contribution to the patients' recovery cannot be assessed statistically.

INCIDENCE OF INFECTIOUS DISEASES BY AGE GROUPS

Age Groups (years)	1	1-	2-	3-	4-	5-9	10-14	15-19	20-34	35-44	45-64	65& over
Scarlet Fever	-	1	-	1	1	2	-	-	1	-	-	-
Whooping Cough	1	1	-	-	-	3	-	-	-	-	-	-
Measles	-	1	-	1	-	1	-	-	-	-	-	-
Pneumonia	-	1	-	1	-	-	-	-	4	2	2	1
Malaria	-	-	-	-	-	-	-	-	1	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	1	-	-	-
Poliomyelitis	-	-	-	-	-	4	-	2	-	-	-	-

TUBERCULOSIS

11 cases of tuberculosis were notified during the year. The comparative figures for the preceding years, 1944, 1945 and 1946 were 11, 8 and 11 respectively.

The incidence of these 11 cases by type and age group is shown in the following table:-

Age Groups	New Cases				Deaths			
	Respiratory		Non-respiratory		Respiratory		Non-respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1	-	-	-	-	-	-	-	-
1 - 4	-	-	-	-	-	-	-	-
5 - 14	-	-	1	2	-	-	-	-
15 - 24	1	2	-	-	-	-	-	-
25 - 34	-	2	-	-	-	-	-	-
35 - 44	1	1	-	-	1	-	-	-
45 - 54	-	-	-	-	-	-	-	-
55 - 64	-	1	-	-	-	-	-	-
65 & over	-	-	-	-	-	-	-	1
Totals	2	6	1	2	1	-	-	1

The two fatal cases had been notified before death.

At the end of the year there were 64 cases of tuberculosis on the District Register, 21 respiratory and 43 non-respiratory.

The death rate from tuberculosis was .34 per 1,000 population as compared with .17 per 1,000 population 1946.

CHARLES S. THOMSON.

Medical Officer of Health.